

PROJECT DESCRIPTION

I GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF OPTICOM TRAFFIC CONTROL AT THE INTERSECTION OF MD 150 AT CARROLL ISLAND ROAD IN BALTIMORE COUNTY. MD 150 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA TWO-PHASE, SEMI-ACTUATED MODE, WITH THE MD 150 APPROACHES OPERATING CONCURRENTLY. PERMISSIVE PHASING IS PROVIDED FOR BOTH DIRECTIONS OF MD 150 AND CARROLL ISLAND ROAD. THERE ARE NO PEDESTRIAN SIGNALS PRESENT AT THE INTERSECTION. OPTICOM PRE-EMPTION WILL BE PROVIDED FOR THE EASTBOUND APPROACH OF MD 150.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE STATE HIGHWAY ADMINISTRATION  
ITEM NO. CAT. CODE NO. QUANTITY DESCRIPTION

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR  
ITEM NO. CAT. CODE NO. QUANTITY DESCRIPTION  
1001 100000 1 EA MAINTENANCE OF TRAFFIC  
8016 800000 1 EA FURNISH AND INSTALL DISCRIMINATOR MODULE-4 CHANNEL  
8018 800000 1 EA FURNISH AND INSTALL 3M OPTICOM #721 DETECTOR EYE  
8056 800000 205 LF FURNISH AND INSTALL 4-CONDUCTOR OPTICOM DETECTOR CABLE

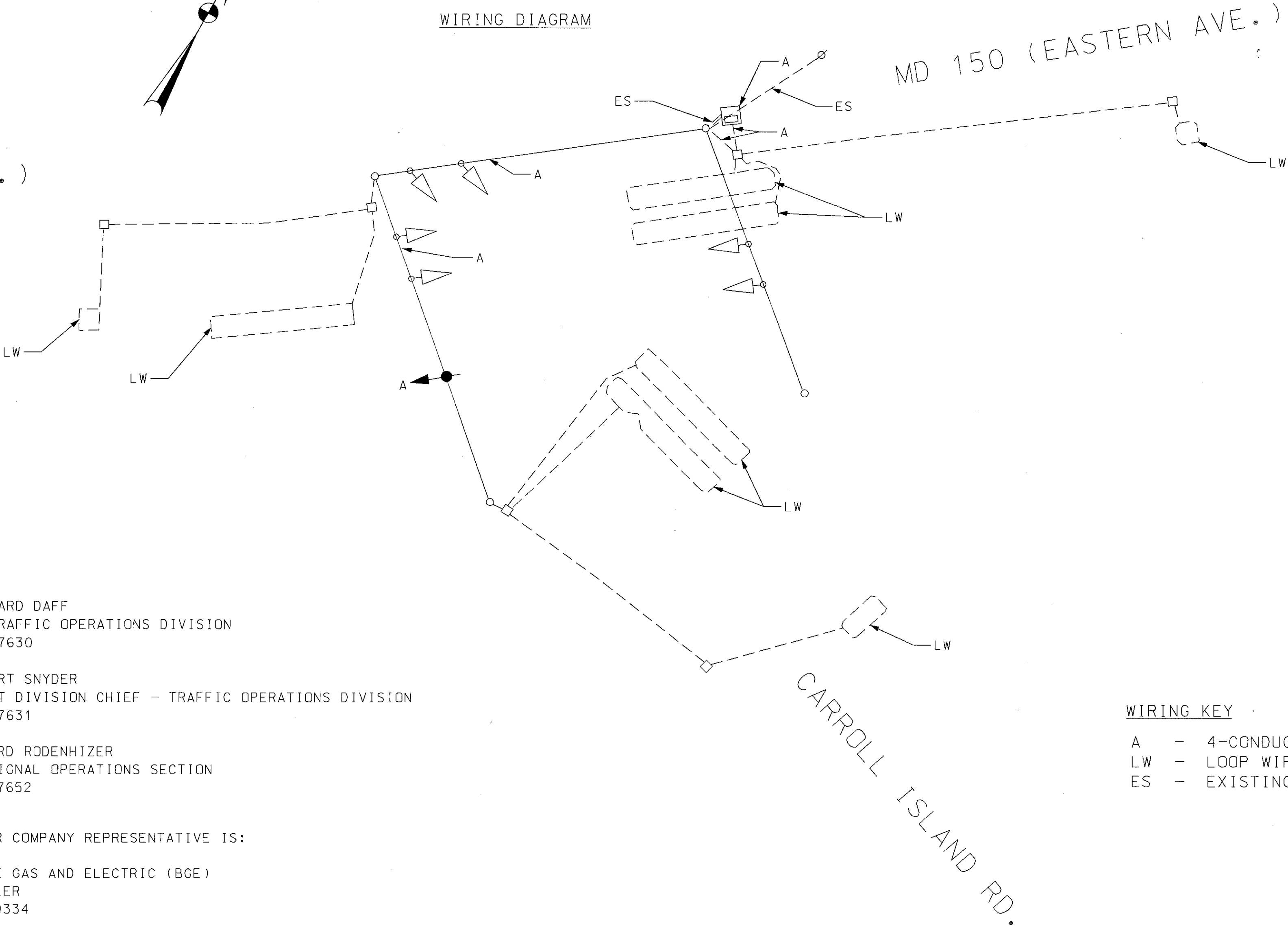
C. MATERIAL TO BE REMOVED AND RETURNED TO THE STATE HIGHWAY ADMINISTRATION  
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

PHASING CHART

	1	2	3	4	5	6	
	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	
	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	
PHASE 2 + 6	G	G	G	G	R	R	←
2 + 6 CHANGE	Y	Y	Y	Y	R	R	→
PHASE 4	R	R	R	R	G	G	↑
4 CHANGE	R	R	R	R	Y	Y	↓
FIRE HOUSE	G	G	R	R	R	R	→
PRE-EMPTION	Y	Y	R	R	R	R	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/RA	FL/RA	↔

MD 150 (EASTERN AVE.)

WIRING DIAGRAM



PROJECT CONTACTS

MR. RANDALL SCOTT  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
410-321-2781

MR. STEVE MARCISZEWSKI  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
410-321-2761

MRS. SUENETTE POPE  
ASSISTANT DISTRICT ENGINEER - UTILITY  
410-321-2841

MR. RICHARD DAFF  
CHIEF, TRAFFIC OPERATIONS DIVISION  
410-787-7630

MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF - TRAFFIC OPERATIONS DIVISION  
410-787-7631

MR. EDWARD RODENHIZER  
CHIEF, SIGNAL OPERATIONS SECTION  
410-787-7652

THE POWER COMPANY REPRESENTATIVE IS:

BALTIMORE GAS AND ELECTRIC (BGE)  
SUE GEISLER  
410-859-9334

WIRING KEY

A - 4-CONDUCTOR OPTICOM DETECTOR CABLE  
LW - LOOP WIRE  
ES - EXISTING SERVICE

REVISIONS



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
GENERAL INFORMATION SHEET  
MD 150 (EASTERN BOULEVARD) AT CARROLL ISLAND ROAD  
BALTIMORE, MARYLAND

**CE**  
CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
32 WEST ROAD  
TOWSON, MARYLAND 21204

DESIGNED BY: COD	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY: TMH	S.H.A. NO.	1488A	
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO.	14 OF 14
DATE: 7/2003	LOG MILE: 03015008.09	F487	